

# MICRO-TERM



*format selection with a...*

**TWIST**



# FORMAT SELECTION WITH A...

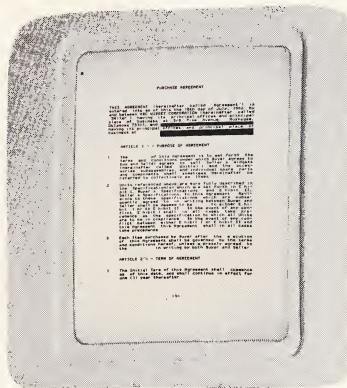
# TWIST

Micro-Term's TWIST, a versatile dual-format CRT, displays data in both a landscape format (80-column by 24-line) and a full-page format (80-column by 72-line)—simply rotate the CRT screen 90 degrees to the new orientation. The flicker-free screen allows easy viewing in either mode.

The TWIST can be raised, tilted and twisted to allow for many different positioning possibilities. All data is retained, and the characters reorient themselves in less than one second.

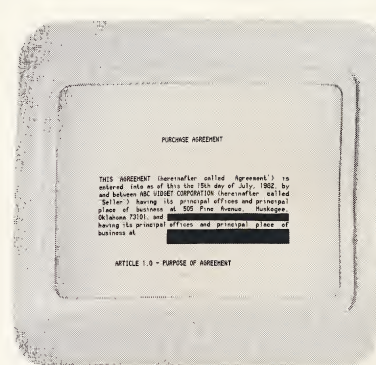
The TWIST also features a low-profile, ergonomically designed keyboard that meets DIN specifications.

The native mode of the TWIST is ANSI 3.64—in which the unit is completely compatible with DEC's VT102 (except the 132-column mode). For non-ANSI users, the terminal can be used in a custom mode. In this mode, the user may program the escape sequences and control codes according to his system needs. This can be done easily from the keyboard or downloaded from the host.



## FULL-PAGE MODE:

A 7 by 9 dot format allows the display of 5,760 characters on a single page. Due to the high resolution of the 15-inch tube, these characters are extremely readable. Major applications for the full-page mode are word processing and programming.



## LANDSCAPE MODE:

This mode displays 16 by 20 dot characters on a 15-inch screen. The clarity and resolution of these characters is unsurpassed in the asynchronous terminal marketplace. Three pages of memory are standard—increasing the terminal's capacity to 72 lines.

## STANDARD FEATURES

- 16 user-definable function keys
- Bidirectional pass-through printer port
- Five video attributes
- Smooth scroll in landscape mode
- Editing keypad
- Non-volatile soft set-up mode
- Alternate character generator
- 25th status line
- Five keyboard LEDs
- Protected fields
- Block mode with protected fields
- Settable tabs
- Settable margin bell
- P-4 flicker-free, non-glare screen
- Double-high, double-wide characters in the landscape mode

## SPECIFICATIONS

**Dimensions:**  
15 1/2"W x 14"L x 17 1/2"H

**Weight:**  
41 lbs.

**Printer Port:**  
Bidirectional printer port

**Keyboard:**  
Detachable, low-profile ergonomically designed keyboard

**Power Consumption:**  
75 watts

**Display Format:**  
24 x 80 characters  
72 x 80 characters

**Character Matrix:**  
16 x 20  
7 x 16

**Screen:**  
15-inch (amber, black and white) non-glare, raise, lower, tilt and twist

**Baud Rates:**  
75 to 19.2 K

**Communications Interface:**  
EIA RS232,  
20 mA current loop

**Screen Saver:**  
Screen shuts off after 10 minutes of non-use and can be restored with no data loss

**Character Attributes:**  
Blink, blank, underline, reverse, bold

## OPTIONS

- Amber phosphor
- 20 mA current loop
- Alternate character generator

# MICRO-TERM, INC.

Terminals are our only product, and we put more into them.

Call or Write: 512 Rudder Road, Fenton (St. Louis County), Missouri 63026  
(314) 343-6515, TWX: 9107601662, MICROTERM, STL.



# TWIST

Micro-Term's **TWIST**, a versatile dual-format CRT, displays data in both a landscape format (24 lines by 80 columns) and a full-page format (72 lines by 80 columns) simply by rotating the CRT screen 90 degrees to the new orientation. The high-resolution, flicker-free screen provides for easy viewing and readability in either mode.

The **TWIST** can be raised, tilted, and twisted to allow for many different positioning possibilities. All data is retained, and the characters reorient themselves in less than one second.

The landscape format displays 16 by 20-dot characters and includes three pages of memory to increase the terminal's capacity to 72 lines.

The full-page format is a 7 by 9-dot display that allows 5,760 characters on a single page. Major applications for the full-page format are word-processing and programming.

The **TWIST** also features a low-profile, ergonomically designed keyboard that meets DIN specifications.

The native mode of the **TWIST** is ANSI 3.64, in which the unit is completely compatible with the DEC VT102 (except the 132-column mode).

For non-ANSI users, the terminal can be used in a custom mode, in which the user may program the escape sequences and control codes according to his system needs. This can be done easily from the keyboard or downloaded from the host.



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# TWIST

|                       |                       |                                                                                                                                                                                                                                                             |
|-----------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Compatibility</b>  | Emulations            | DEC VT100, DEC VT52, ANSI 3.64—also, <b>custom mode</b> allows configurations to other popular terminals                                                                                                                                                    |
| <b>Display</b>        | Screen Size           | 15-inch diagonal                                                                                                                                                                                                                                            |
|                       | Phosphor              | P-04 non-glare White-on-White—standard (non-glare Amber—optional*)                                                                                                                                                                                          |
|                       | Capacity              | 128 characters (alternate character generator—optional*)                                                                                                                                                                                                    |
|                       | Format                | Landscape: 24 lines x 80 columns; 25th status line<br>Full-Page: 72 lines x 80 columns; 25th status line                                                                                                                                                    |
|                       | Character Size        | 7 x 16 or 16 x 20 dot matrix                                                                                                                                                                                                                                |
| <b>Editing</b>        | Video Attributes      | Normal, blink, blank, underline, reverse, bold, double-high/wide characters, in landscape format                                                                                                                                                            |
|                       | Capabilities          | Auto line end, insert/delete character, insert/delete line, erase to end of line/screen, erase line/page to cursor, wrap enable/disable, settable tabs                                                                                                      |
|                       | Cursor Control        | Home, up/down, left/right, line feed, reverse line feed                                                                                                                                                                                                     |
|                       | Scrolling             | Scroll up/down, smooth scroll in landscape format, dual-speed smooth scroll, jump scroll, no scroll                                                                                                                                                         |
| <b>Keyboard</b>       | Layout                | 89 keys arranged similar to standard typewriter keyboard with 18-key auxiliary keypad and 14 additional function keys (host-definable or user-programmable)                                                                                                 |
|                       | Features              | 121-key detachable unit with 6-foot (1.8 m) cord, keyboard lock, keyclick enable/disable, DEC VT52 alternate keypad mode                                                                                                                                    |
| <b>Communications</b> | General               | Non-volatile soft set-up mode, data terminal-ready protocol, auto XON/XOFF, five LED indicators, answer-back message, report cursor positioning, set video attributes, screen saver, master reset, bell, protected fields, block mode with protected fields |
|                       | Interface             | EIA RS232, 20 mA current loop—optional*                                                                                                                                                                                                                     |
|                       | Baud Rate             | 75 to 19.2k                                                                                                                                                                                                                                                 |
| <b>Print</b>          | Capabilities          | Automatic printing mode, bidirectional pass-through printer port, monitored/non-monitored pass-through printing, transparency mode, print line/page, printer status report                                                                                  |
| <b>Power</b>          | Voltage and Frequency | 115 volts/60 Hz—standard<br>220 volts/50 Hz—optional*                                                                                                                                                                                                       |
|                       | Input Power           | 75 watts                                                                                                                                                                                                                                                    |
| <b>Dimensions</b>     | Monitor               | 19.0"H x 16.0"W x 15.0"D (48.3H x 40.6W x 38.1D cm)                                                                                                                                                                                                         |
|                       | Keyboard              | 1.6"H x 20.5"W x 8.0"D (4.1H x 52.1W x 20.3D cm)                                                                                                                                                                                                            |
| <b>Weight</b>         | Monitor               | 43 lbs. (19.4 kg)                                                                                                                                                                                                                                           |
|                       | Keyboard              | 3 lbs. (1.4 kg)                                                                                                                                                                                                                                             |
|                       | Shipping Weight       | 53 lbs. with box (23.9 kg)                                                                                                                                                                                                                                  |
| <b>Environments</b>   | Operating             | Temp: 41° to 122°F (5° to 50°C) Rel. Humidity: 5% to 95%                                                                                                                                                                                                    |
| <b>General</b>        | Warranty              | 12 months                                                                                                                                                                                                                                                   |
|                       | *Options              | Non-glare Amber screen, 20 mA current loop, alternate character generator                                                                                                                                                                                   |

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